ELSEVIER

Bioenergetics
(including Reviews on Bioenergetics)
Vol. 1274, 1996

BBA Biochimica et Biophysica Acta

Author Index

Achmus, H., see Hensel, M. (1274) 101
Aliev, M.K., see Saks, V.A. (1274) 81
Altendorf, K., see Hensel, M. (1274) 101
Azzone, G.F., see Canton, M. (1274) 39

Betts, S.D., Ross, J.R., Hall, K.U., Pichersky, E. and Yocum, C.F.
Functional reconstitution of photosystem II with recombinant manganese-stabilizing proteins containing mutations that remove the disulfide bridge (1274) 135
Bijkerk, M., see Van Dorsten, F.A. (1274) 59
Boehm, E.A., Radda, G.K., Tomlin, H. and Clark, J.F.
The utilisation of creatine and its analogues by cytosolic and mitochondrial creatine kinase (1274) 119

Canton, M., Gennari, F., Luvisetto, S. and Azzone, G.F.
The nature of uncoupling by *n*-hexane, 1-hexanethiol and 1-hexanol in rat liver mitochondria (1274) 39
Clark, J.F., see Boehm, E.A. (1274) 119

Daldal, F., see Finnegan, M.G. (1274) 9
Deckers-Hebestreit, G., see Hensel, M. (1274) 101
Degrève, L., Vechi, S.M. and Quintale Jr., C.
The hydration structure of the Na^+ and K^+ ions and the selectivity of their ionic channels (1274) 149

Finnegan, M.G., Knaff, D.B., Qin, H., Gray, K.A., Daldal, F., Yu, L., Yu, C.-A., Kleis-San Francisco, S. and Johnson, M.K.
Axial heme ligation in the cytochrome bc_1 complexes of mitochondrial and photosynthetic membranes. A near-infrared magnetic circular dichroism and electron paramagnetic resonance study (1274) 9
Fritsche, O. and Junge, W.
Chloroplast ATP synthase: the clutch between proton flow and ATP synthesis is at the interface of subunit γ and CF_1 (1274) 94
Furter, R., see Van Dorsten, F.A. (1274) 59

Gennari, F., see Canton, M. (1274) 39
Gietl, C., Seidel, C. and Svendsen, I.
Plant glyoxysomal but not mitochondrial malate dehydrogenase can fold without chaperone assistance (1274) 48
Gray, K.A., see Finnegan, M.G. (1274) 9

Hall, K.U., see Betts, S.D. (1274) 135
Hecks, B., Wilhelm, C. and Trissl, H.-W.
Functional organization of the photosynthetic apparatus of the primitive alga *Mantoniella squamata* (1274) 21
Hemelrijk, P.W. and Van Gorkom, H.J.
Size-distributions of antenna and acceptor-pool of Photosystem II (1274) 31
Hensel, M., Achmus, H., Deckers-Hebestreit, G. and Altendorf, K.
The ATP synthase of *Streptomyces lividans*: characterization and purification of the F_1F_o complex (1274) 101

Ikeuchi, M., see Okada, K. (1274) 73

Johnson, M.K., see Finnegan, M.G. (1274) 9
Junge, W., see Fritsche, O. (1274) 94

Kanazawa, H., see Moritani, C. (1274) 67
Kawaguchi, A., see Sato, N. (1274) 112
Kleis-San Francisco, S., see Finnegan, M.G. (1274) 9
Knaff, D.B., see Finnegan, M.G. (1274) 9
Kono, Y., see Shibata, H. (1274) 129
Kretschmann, H., Schlodder, E. and Witt, H.T.
Net charge oscillation and proton release during water oxidation in photosynthesis. An electrochromic band shift study at pH 5.5–7.0 (1274) 1

Liao, G.-L. and Palmer, G.
The reduced *minus* oxidized difference spectra of cytochromes *a* and a_3 (1274) 109
Luvisetto, S., see Canton, M. (1274) 39

Matsui, Y., see Shibata, H. (1274) 129
Miyao, M., see Okada, K. (1274) 73
Moritani, C., Sawada, K., Takemoto, K., Shin, Y., Nemoto, S., Noumi, T. and Kanazawa, H.
Interactions of the F_1-ATPase subunits from *Escherichia coli* detected by the yeast two-hybrid system (1274) 67

Nemoto, S., see Moritani, C. (1274) 67
Nicolay, K., see Van Dorsten, F.A. (1274) 59
Noda, T., see Shibata, H. (1274) 129
Noumi, T., see Moritani, C. (1274) 67

Ogura, Y., see Shibata, H. (1274) 129
Okada, K., Ikeuchi, M., Yamamoto, N., Ono, T.-a. and Miyao, M.
Selective and specific cleavage of the D1 and D2 proteins of Photosystem II by exposure to singlet oxygen: factors responsible for the susceptibility to cleavage of the proteins (1274) 73
Ono, T.-a., see Okada, K. (1274) 73
Ozoe, Y., see Shibata, H. (1274) 129

Palmer, G., see Liao, G.-L. (1274) 109
Pichersky, E., see Betts, S.D. (1274) 135

Qin, H., see Finnegan, M.G. (1274) 9
Quintale Jr., C., see Degrève, L. (1274) 149

Radda, G.K., see Boehm, E.A. (1274) 119
Raicu, G., see Raicu, V. (1274) 143
Raicu, V., Raicu, G. and Turcu, G.
Dielectric properties of yeast cells as simulated by the two-shell model (1274) 143
Ross, J.R., see Betts, S.D. (1274) 135

Saks, V.A., Ventura-Clapier, R. and Aliev, M.K.
Metabolic control and metabolic capacity: two aspects of creatine kinase functioning in the cells (1274) 81
Sato, N., Sonoike, K., Tsuzuki, M. and Kawaguchi, A.
Photosynthetic characteristics of a mutant of *Chlamydomonas reinhardtii* impaired in fatty acid desaturation in chloroplasts (1274) 112
Sawa, Y., see Shibata, H. (1274) 129

Sawada, K., see Moritani, C. (1274) 67
Schlodder, E., see Kretschmann, H. (1274) 1
Seidel, C., see Gietl, C. (1274) 48
Shibata, H., Noda, T., Ogura, Y., Suginaka, K., Matsui, Y., Ozoe, Y., Sawa, Y. and Kono, Y.
A soluble-form of pro-oxidant lumazine isolated from cyanobacterial cells generates superoxide anion under near-UV irradiation (1274) 129
Shin, Y., see Moritani, C. (1274) 67
Sonoike, K., see Sato, N. (1274) 112
Sugi, H., see Wada, H. (1274) 89
Suginaka, K., see Shibata, H. (1274) 129
Svendsen, I., see Gietl, C. (1274) 48

Takemoto, K., see Moritani, C. (1274) 67
Tomlin, H., see Boehm, E.A. (1274) 119
Trissl, H.-W., see Hecks, B. (1274) 21
Tsuzuki, M., see Sato, N. (1274) 112
Turcu, G., see Raicu, V. (1274) 143

Van Dorsten, F.A., Furter, R., Bijkerk, M., Wallimann, T. and Nicolay, K.
The in vitro kinetics of mitochondrial and cytosolic creatine kinase determined by saturation transfer ^{31}P-NMR (1274) 59
Van Gorkom, H.J., see Hemelrijk, P.W. (1274) 31
Vechi, S.M., see Degrève, L. (1274) 149
Ventura-Clapier, R., see Saks, V.A. (1274) 81

Wada, H., Yamada, T. and Sugi, H.
Effect of inorganic phosphate and ADP on the myofilament sliding induced by laser flash photolysis of caged ATP (1274) 89
Wallimann, T., see Van Dorsten, F.A. (1274) 59
Wilhelm, C., see Hecks, B. (1274) 21
Witt, H.T., see Kretschmann, H. (1274) 1

Yamada, T., see Wada, H. (1274) 89
Yamamoto, N., see Okada, K. (1274) 73
Yocum, C.F., see Betts, S.D. (1274) 135
Yu, C.-A., see Finnegan, M.G. (1274) 9
Yu, L., see Finnegan, M.G. (1274) 9